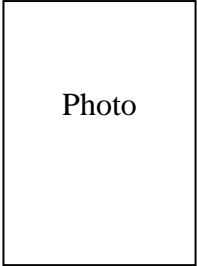


NAME



Education

year - year	Studies1
year	Degree 1
...	

Positions held

year - year	Position1
year - year	Position2
...	

Research focus

Area
...

Professional activities

•	Activity 1
•	Activity 2
•

Five selected publications

Publication1
Publication1
Publication1
Publication1
Publication1

Mathias Becker



Education

1979-1986:	Agricultural Sciences, University of Hohenheim
1986:	M.Sc. (Dipl.Ing.agr.), University of Hohenheim
1990:	PhD (Dr.agr. <i>summa cum laude</i>), University of Giessen
1999:	Habilitation (Plant Production and Nutrition in the Tropics and Subtropics), University of Giessen

Positions held

1984-1985	Research Fellow, Office de Recherche Scientifique et Technique Outre-Mer" (ORSTOM), Dakar, Senegal
1986-1993	Collaborative Scientist, Soil and Water Sciences, International Rice Research Institut (IRRI), Los Baños, Philippines
1993-1999	Cropping Systems Agronomist, West Africa Rice Development Association (WARDA), Bouaké, Côte d'Ivoire
since 1999	Professor, Plant Nutrition in the Tropics and Subtropics, University of Bonn

Research focus

Functions, transformations and cycling of nutrients in tropical cropping systems

Professional activities

- Major advisor of 17 PhD and 23 MS students (2000 – present)
- Member, selection committee for DAAD Ph. D. scholars from Asia. (2002 – present)
- Associate Editor, "Journal of Plant Nutrition and Soil Science (2003-present)
- Director of the International Master Programme "ARTS", University of Bonn
- Member, Advisory Board, Institute of Tropical Agriculture – DITSL (since 2005)
- Member, Scientific Advisory Board of ATSAF e.V. (since 2005)
- Over 100 scientific contributions (5 book chapters, 53 journal papers, 46 others)

Five selected publications

- Becker, M., Ladha, J.K. and Ottow, J.C.G. 1990. Growth and nitrogen fixation of two stem- nodulating legumes and their effect as green manure on lowland rice. Soil Biol. Biochem. 22:1109-1119.
- Becker, M., Ladha, J.K. and Ottow, J.C.G. 1994. Nitrogen losses and lowland rice yield as affected by residue N release. Soil Sci. Soc. Am. J. 58:1660-1665.
- Becker, M. and Johnson, D.E. 2001. Cropping intensity effects on upland rice yield and sustainability in West Africa. Nutr. Cycl. Agroecosys. 59:128-133.
- Becker, M. and Asch, F. 2005. Iron toxicity in rice - conditions and management concepts. J. Plant Nutri. Soil Sci. 168: 558-573.
- Becker, M., Maskey, S.L., Pande, K.R., Shah S.C. and Shrestha, S.C. 2007. Effects of transition season management on soil N dynamics and system N balances in rice-wheat rotations of Nepal. Field Crops Res. 103(2), 98-108.